

**REMARKS**

Claims 1-5 and 12-16 remain in the application for consideration of the Examiner.

Reconsideration and withdrawal of the outstanding rejections are respectfully requested in light of the following remarks.

Turning now to the art rejections, Claims 1 and 12 were rejected under 35 U.S.C. § 102(b) as being anticipated by Chapman; and Claims 2-5 and 13-16 were rejected under 35 U.S.C. § 103 as being unpatentable over Chapman in view of Kuroda.

These rejections are respectfully traversed.

It is respectfully submitted that Chapman does not disclose or suggest the presently claimed invention including aligning each of the conductive bump contact areas with at least one conductive bump wherein the vibration of at least a portion of the substrates substantially aligns each of the conductive bump contact areas with at least one of the conductive bumps in independent Claim 1, albeit defined as the vibration of at least a portion of the substrate substantially aligns each of the conductive bump areas with at least one of the conductive bumps in independent Claim 12.

Chapman discloses at column 2, line 26 different methods including vibration brushing and vacuum.

The present invention discloses vibration in a specific context, namely alignment, and this context is missing from the above mentioned reference.

Kuroda does not cure these deficiencies.

Kuroda does not relate to conductive bump technology and consequently could not disclose or suggest the presently claimed invention.

It is respectfully submitted that Claims 1-6 and 12-16 patentably define over the applied art.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant amendment places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



W. Daniel Swayze, Jr.  
Attorney for Applicant  
Reg. No. 34,478

Texas Instruments Incorporated  
P.O. Box 655474, MS 3999  
Dallas, TX 75265  
(972) 917-5633